

Exhibit 28

Materials Test Report

Test run on Shaft Technology Group's Instron Universal Tester Model 4502

Data acquired and analyzed using LabView2 for Macintosh. Vers. 1.1

Operator: TAS of the Shaft Technology group

Test Date: Thursday, April 28, 1994

Material/Lot #/Part #/Ext #

PEEK Air Cool/Unk/Unk/10-554-1

Filler/Additive/Ext Mandrel?

None/None/No

Test Temp/MegRads/KeV

RT/0/0

Necked?/Necking Method

No/NA

Expanded?/Heat Stabilized?

No/No

If Neckd | Exprd Original ID/OD

NA/NA

Stabliz Temp/Time/Cath Name

NA/NA/0.014Platform

Test Method:

Plastics Compression

Data File:

10-554-1 RT Comp

CrossHead Speed:

0.005 in/min

Stress at
offset
yield 1

Strain at
offset
yield 1

Energy to
offset
yield 1

Slope

Elastic
Modulus

Cross-
Sectional
Area

#	(psi)	(in/in)	(in*lbs)	(lbs/in)	(psi)	(sq. in)
1	0.00E0	0.00E0	0.00E0	1.17E3	2.85E5	1.97E-4
2	0.00E0	0.00E0	0.00E0	1.00E3	2.29E5	2.03E-4
3	0.00E0	0.00E0	0.00E0	9.13E2	2.34E5	2.20E-4
4	-5.52E3	-4.25E-2	1.96E-3	7.79E2	1.58E5	2.61E-4
5	-7.81E3	-5.10E-2	3.25E-3	8.51E2	1.80E5	2.55E-4
6	0.00E0	0.00E0	0.00E0	1.64E3	3.07E5	2.67E-4
Ave	-2.22E3	-1.56E-2	8.67E-4	1.06E3	2.32E5	2.34E-4
SD	3.52E3	2.43E-2	1.40E-3	3.15E2	5.77E4	3.11E-5

Excluded Specimens:

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Material/Lot #/Part #/Ext #
Filler/Additive/Ext Mandrel?
Test Temp/MegRads/KeV
Necked?/Necking Method
Expanded?/Heat Stabilized?
If Neckd I Exprd Original ID/OD
Stabliz Temp/Time/Cath Name

Peek 70C Water Cool/Unk/Unk/10-553-1
None/None/No
RT/0/0
No/NA
No/No
NA/NA
NA/NA/NA

Test Method: Plastics Compression

Data File: 10-553-1 RT Comp

CrossHead Speed: 0.005 in/min

Stress at
offset
yield 1

Strain at
offset
yield 1

Energy to
offset
yield 1

Slope

Elastic
Modulus

Cross-
Sectional
Area

#	(psi)	(in/in)	(in*lbs)	(lbs/in)	(psi)	(sq. in)
1	-3.56E3	-3.79E-2	1.37E-3	7.10E2	1.17E5	3.24E-4
2	-3.41E3	-2.91E-2	1.05E-3	1.09E3	1.58E5	3.24E-4
3	-5.85E3	-5.03E-2	2.31E-3	7.81E2	1.37E5	2.83E-4
4	-4.79E3	-5.66E-2	2.15E-3	6.00E2	9.76E4	2.83E-4
5	0.00E0	0.00E0	0.00E0	1.26E3	1.96E5	3.06E-4
6	0.00E0	0.00E0	0.00E0	1.02E3	1.75E5	2.94E-4
7	0.00E0	0.00E0	0.00E0	9.16E2	1.47E5	2.94E-4
Ave	-2.14E3	-1.96E-2	7.87E-4	9.65E2	1.55E5	3.04E-4
SD	2.50E3	2.25E-2	9.57E-4	2.05E2	2.81E4	1.70E-5

Excluded Specimens: 4

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Material/Lot #/Part #/Ext #
Filler/Additive/Ext Mandrel?
Test Temp/MegRads/KeV
Necked?/Necking Method
Expanded?/Heat Stabilized?
If Neckd I Exprd Original ID/OD
Stabliz Temp/Time/Cath Name

PPEK 8C Water Cool/Unk/Unk/10-52-1
None/None/No
RT/0/0
No/NA
No/No
NA/NA
NA/NA/0.014 platform

Test Method: Plastics Compression

Data File: 10-552-1 RT Comp

CrossHead Speed: 0.005 in/min

Stress at
offset
yield 1

Strain at
offset
yield 1

Energy to
offset
yield 1

Slope

Elastic
Modulus

Cross-
Sectional
Area

#	(psi)	(in/in)	(in*lbs)	(lbs/in)	(psi)	(sq. in)
1	-7.76E3	-6.35E-2	3.05E-3	6.06E2	1.38E5	2.21E-4
2	-8.95E3	-5.32E-2	2.96E-3	8.33E2	1.96E5	2.16E-4
3	-7.61E3	-6.58E-2	3.91E-3	5.00E2	1.30E5	2.33E-4
4	-6.11E3	-7.48E-2	2.89E-3	4.26E2	9.07E4	2.33E-4
5	-7.94E3	-4.85E-2	2.33E-3	9.59E2	1.94E5	2.33E-4
6	-5.54E3	-4.76E-2	2.28E-3	6.10E2	1.38E5	2.50E-4
Ave	-7.56E3	-5.57E-2	2.90E-3	7.02E2	1.59E5	2.30E-4
SD	1.25E3	8.48E-3	6.63E-4	1.88E2	3.26E4	1.32E-5

Excluded Specimens: 4

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Test Date: Thursday, April 28, 1994

Material/Lot #/Part #/Ext #	PPS/Unk/Unk/10-555-1
Filler/Additive/Ext Mandrel?	None/None/No
Test Temp/MegRads/KeV	RT/0/0
Necked?/Necking Method	No/NA
Expanded?/Heat Stabilized?	No/No
If Neckd I Exprd Original ID/OD	NA/NA
Stabliz Temp/Time/Cath Name	NA/NA/0.014 Platform

Test Method: Plastics Compression

Data File: 10-555-1 RT Comp

CrossHead Speed: 0.005 in/min

Stress at
offset
yield 1

Strain at
offset
yield 1

Energy to
offset
yield 1

Slope

Elastic
Modulus

Cross-
Sectional
Area

#	(psi)	(in/in)	(in*lbs)	(lbs/in)	(psi)	(sq. in)
1	-8.03E3	-4.11E-2	1.86E-3	9.47E2	2.39E5	1.98E-4
2	-6.08E3	-6.15E-2	1.94E-3	4.34E2	1.13E5	1.90E-4
3	-8.31E3	-8.64E-2	4.04E-3	4.18E2	1.05E5	1.98E-4
4	-9.31E3	-4.31E-2	2.16E-3	1.06E3	2.62E5	1.94E-4
5	-7.54E3	-7.91E-2	3.14E-3	4.18E2	1.05E5	1.98E-4
6	-6.19E3	-4.55E-2	1.55E-3	6.64E2	1.63E5	1.98E-4
7	-4.89E3	-4.92E-2	1.35E-3	4.64E2	1.17E5	1.98E-4
8	-8.76E3	-6.08E-2	2.79E-3	6.61E2	1.64E5	1.94E-4
Ave	-7.39E3	-5.83E-2	2.35E-3	6.33E2	1.59E5	1.96E-4
SD	1.52E3	1.70E-2	9.06E-4	2.51E2	6.18E4	2.84E-6

Excluded Specimens:

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Operator: TAS of the Shaft Technology group

Test Date: Thursday, April 28, 1994

Material/Lot #/Part #/Ext #	PPS/Unk/Unk/10-556-1
Filler/Additive/Ext Mandrel?	None/None/No
Test Temp/MegRads/KeV	RT/0/0
Necked?/Necking Method	No/NA
Expanded?/Heat Stabilized?	No/No
If Neckd I Exprd Original ID/OD	NA/NA
Stabliz Temp/Time/Cath Name	NA/NA/0.014 Platform

Test Method: Plastics Compression

Data File: 10-556-1 RT Comp

CrossHead Speed: 0.005 in/min

Stress at
offset
yield 1

Strain at
offset
yield 1

Energy to
offset
yield 1

Slope

Elastic
Modulus

Cross-
Sectional
Area

#	(psi)	(in/in)	(in*lbs)	(lbs/in)	(psi)	(sq. in)
1	-4.37E3	-5.57E-2	2.46E-3	5.60E2	9.07E4	3.33E-4
2	0.00E0	0.00E0	0.00E0	8.76E2	1.51E5	3.03E-4
3	0.00E0	0.00E0	0.00E0	9.75E2	1.80E5	3.03E-4
4	0.00E0	0.00E0	0.00E0	7.90E2	1.39E5	2.97E-4
5	-4.06E3	-9.99E-2	3.28E-3	2.63E2	4.40E4	3.03E-4
6	-5.10E3	-6.68E-2	2.96E-3	4.84E2	8.60E4	2.97E-4
7	-2.59E3	-5.83E-2	1.15E-3	3.26E2	5.09E4	2.97E-4
8	0.00E0	0.00E0	0.00E0	1.24E3	2.11E5	3.03E-4
9	0.00E0	0.00E0	0.00E0	1.28E3	2.14E5	3.03E-4
10	-6.06E3	-6.48E-2	3.35E-3	6.24E2	1.06E5	3.03E-4
Ave	-1.94E3	-2.34E-2	1.10E-3	8.54E2	1.47E5	3.05E-4
SD	2.72E3	3.25E-2	1.53E-3	2.99E2	5.11E4	1.17E-5

Excluded Specimens: 5,7